

ABSTRACT

ONE-PIECE MANIFOLD FOR A REVERSE OSMOSIS SYSTEM

A one-piece manifold for a reverse osmosis system

5 includes a filter configured to receive water from a water
port and a membrane configured to receive filtered water via a
first conduit. The membrane is also configured to send
permeate water to a reverse osmosis tank. The manifold also
includes a flow restrictor configured to receive concentrate

10 water from the membrane via a second conduit and to pass the
concentrate water to a drain port.